

Product Information

MemDX™ Membrane Protein Human CEACAM16 (CEA cell adhesion molecule 16, tectorial membrane component)

Cat. No.: **MP0260J**

This product is for research use only and is not intended for diagnostic use.

This product is a 45.7 kDa Human CEACAM16 membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

CEACAM16

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

45.7 kDa

Sequence

MSDLLSIYSAPVVVSTVLHMLQIRKLRLGRVHKLPRVLEVGNSGTMSRAYTFFFLRWSFMALTGYSWLLL
SATFLNVGAEISITLEPAQPSEGDNVTLVVHGLSGELLAYSWYAGPTLSVSYLVASYIVSTGDETPGPAH
TGREAVRPDGSLDIQGILPRHSGTYILQTFNRQLQTEVGYGHVQVHEILAQPTVLANSTALVERRDTLRL
MCSSPSPTAEVRWFFNGGALPVALRLGLSPDGRVLARHGIRREEAGAYQCEVWNPVSVSRSEPINLTVYF
GPERVAILQDSTTRTGCTIKVDFNTSLTLWCVSRSCPEPEYVWTFNGQALKNGQDHLNISSMTAAQEGTY
TCIAKNTKTL SGSASVVV KLSAAAVATMIVPVPTKPT EGQDVT LTVQGYPKDLLVYAWYRGPASEPNRL
LSQLPSGTWIAGPAHTGREVGFPNCSLLVQKLNLTDTGRYTLKTVTVQGKTETLEVELQVAPLG

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

CEACAM16

Full Name

CEA cell adhesion molecule 16, tectorial membrane component

Introduction

The protein encoded by this gene is a secreted glycoprotein that in mouse interacts with tectorial membrane proteins in the inner ear. The encoded adhesion protein is found in cochlear outer hair cells and appears to be important for proper hearing over an extended frequency range. Defects in this gene likely are a cause of non-syndromic autosomal dominant hearing loss.

Alternative Names

CEAL2; DFNA4B; DFNB113; carcinoembryonic antigen like-2 protein; carcinoembryonic antigen related cell adhesion molecule 16

Gene ID

[388551](#)

UniProt ID

[Q2WEN9](#)